

# Natural Disaster PBL

Reading, Science, Technology, Math, and Social Studies

Timeline-

- Week One- Explore the questions and disasters
- Week Two- Research and Create

Essential Questions- Should Nature be respected? Can Nature impact civilizations?  
Can Nature influence your life?

Skills/TEKs-

- Reading/ELA
  - Drawing Conclusions, Research, Author's Purpose, POV, Primary/Secondary Sources, Creating to explain
- Science
  - Earth Science
  - Conservation
- Technology
  - Research
  - Creation
- Math
  - Place Value
- Social Studies
  - Impact of Environment on movement/civilizations
  - Large events of 20th Century

Paired Texts-

- Basal- Storm Warriors, Pea Island's Forgotten Heros, Sugaring Weather, The River Kept Rising, Night of the Killer Waves
- NewsELA Articles- Check for updates
- ReadWorks- Use Earth Science Text Set
- Safari Montage- Natural Disasters Video- First 1/2

Task-

- Explore- Students will explore the Basal text, NewsELA articles, ReadWorks passages, and video with the question of 'Should Nature be respected'. They will complete a circle map with frame of reference to support your answer.

- Research- Students will choose one type of natural disaster to research further. Students should keep a bubble map with frame of reference to keep track of their findings.
  
- Create- Students will choose one
  - A preparedness kit/manual- prepare directions and supplies in the event of the disaster. Explain each item and reasoning for the directions.
  - Simulation- create a demonstration or digital recreation of your disaster. Include diagrams and explanation of what is going on and why.
  - Warning Video- create a Public Service Announcement about an impending disaster. Include an explanation of what is happening, why it is happening, how you knew it was going to happen and what to do.
  - News/Weather Broadcast- create a broadcast from the disaster or during the disaster. Include an explanation of what happened, the impact it is/will happen on the area, and what will happen after.
  - Informational Artifact- create a digital lesson on the disaster. Include information of what it is, why it happens, where it happens, how it impacts life, and a timeline of large disasters.
  - Written Account of Survival- You have just survived the disaster. Go back and tell about it. Include what life was like before, during, and after. How did it happen? Did you have warning?

## Natural Disaster PBL Student Handout

### Questions to Ponder-

- Should Nature be respected?
- Can Nature impact civilizations?
- Can Nature influence your life?

### Task-

- **Explore-** We will explore the Basal text, NewsELA articles, ReadWorks passages, and video with the question of 'Should Nature be respected'. Then you will complete a circle map with frame of reference to support your answer.
- **Research-** You will choose one natural disaster to research further. You should keep a bubble map with frame of reference to keep track of your findings. Remember to make sure to keep note of specific information (watch the recording of numbers/place value) to make the research more impactful.
- **Create- Choose One**
  - A preparedness kit/manual- prepare directions and supplies in the event of the disaster. Explain each item and reasoning for the directions.
  - Simulation- create a demonstration or digital recreation of your disaster. Include diagrams and explanation of what is going on and why.
  - Warning Video- create a Public Service Announcement about an impending disaster. Include an explanation of what is happening, why it is happening, how you knew it was going to happen and what to do.
  - News/Weather Broadcast- create a broadcast from the disaster or during the disaster. Include an explanation of what happened, the impact it is/will happen on the area, and what will happen after.
  - Informational Artifact- create a digital lesson on the disaster. Include information of what it is, why it happens, where it happens, how it impacts life, and a timeline of large disasters.
  - Written Account of Survival- You have just survived the disaster. Go back and tell about it. Include what life was like before, during, and after. How did it happen? Did you have warning?
  - Students Choice- Have another idea- a song, a skit, something not up here? Talk to Mr. K and pitch him your idea.

Completion Date:

